FOIL when $A \neq 1$ SLTN (version 126)

FOIL the expressions shown below:

1. $(-5x - 8)(3x + 4)$

$$(-5)(3)x^2 + (-5)(4)x + (-8)(3)x + (-8)(4)$$
$$(-15)x^2 + (-20)x + (-24)x + (-32)$$
$$-15x^2 - 44x - 32$$

2. $(3x + 5)(3x + 6)$

$$(3)(3)x^2 + (3)(6)x + (5)(3)x + (5)(6)$$
$$(9)x^2 + (18)x + (15)x + (30)$$
$$9x^2 + 33x + 30$$

3. $(4x + 9)(-3x + 3)$

$$(4)(-3)x^2 + (4)(3)x + (9)(-3)x + (9)(3)$$
$$(-12)x^2 + (12)x + (-27)x + (27)$$
$$-12x^2 - 15x + 27$$

4. $(-3x + 6)(-3x + 3)$

$$(-3)(-3)x^2 + (-3)(3)x + (6)(-3)x + (6)(3)$$
$$(9)x^2 + (-9)x + (-18)x + (18)$$
$$9x^2 - 27x + 18$$

5. $(7x - 7)(8x + 7)$

$$(7)(8)x^2 + (7)(7)x + (-7)(8)x + (-7)(7)$$
$$(56)x^2 + (49)x + (-56)x + (-49)$$
$$56x^2 - 7x - 49$$

FOIL the expressions shown below:

6. $(8x - 6)(-7x + 5)$

$$(8)(-7)x^2 + (8)(5)x + (-6)(-7)x + (-6)(5)$$
$$(-56)x^2 + (40)x + (42)x + (-30)$$
$$-56x^2 + 82x - 30$$

7. $(8x + 9)(-2x - 2)$

$$(8)(-2)x^2 + (8)(-2)x + (9)(-2)x + (9)(-2)$$
$$(-16)x^2 + (-16)x + (-18)x + (-18)$$
$$-16x^2 - 34x - 18$$

8. $(2x + 2)(-3x + 5)$

$$(2)(-3)x^2 + (2)(5)x + (2)(-3)x + (2)(5)$$
$$(-6)x^2 + (10)x + (-6)x + (10)$$
$$-6x^2 + 4x + 10$$

9. $(5x + 4)(-5x - 6)$

$$(5)(-5)x^2 + (5)(-6)x + (4)(-5)x + (4)(-6)$$
$$(-25)x^2 + (-30)x + (-20)x + (-24)$$
$$-25x^2 - 50x - 24$$

10. $(7x - 5)(-4x - 9)$

$$(7)(-4)x^2 + (7)(-9)x + (-5)(-4)x + (-5)(-9)$$
$$(-28)x^2 + (-63)x + (20)x + (45)$$
$$-28x^2 - 43x + 45$$